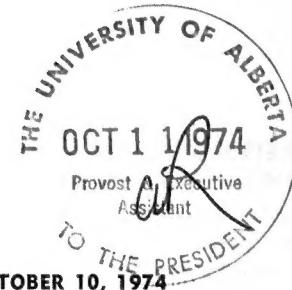


FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN



EDMONTON, ALBERTA



OCTOBER 10, 1974

RADIO AND TELEVISION: AT YOUR SERVICE

An increasing number of people, educators included, are becoming aware of the information and education potential of visual communication. At The University of Alberta, the Department of Radio and Television provides a free television production service to members of the University community who wish to exploit this developing field. Though lack of work is not a problem right now, the department is available and ready to help University staff with their television needs and ideas.

- The essential purpose of Radio and Television, according to Acting Director BILL JOPLING, is to assist in the teaching or learning process at the University, as well as to produce programs as a public educational service. In this sense, there are two basic types of production: instructional and educational.
- Instructional television involves the use of a program to clarify or enhance an idea or concept. For example, a professor may have an idea he or she wishes to present in the classroom, but may not be sure of the most effective method of presentation. There is a good possibility that Radio and Television can help. The instructor will work with one or more producers until a production has evolved. A program "package" is then put together, and it goes into the classroom. It may be only five minutes in length, but it might crystallize a difficult point or save hours of teaching in other forms. Last year, for example, an English professor, with her students as actors, used the facilities of Radio and Television to produce a visual dramatization of a portion of "The Rape of the Lock." Not only did it dramatize, it clarified.
- Instructional television can help in other ways as well. A course offered by the Department of Microbiology, for example, includes an experiment which requires the sacrifice of two rats. There were a number of complaints about the killings, largely on moral grounds but also on economic ones. The problem was solved by videotaping the experiment, so that only two rats were killed.

Educational television, in the general sense, involves a wider "public" than instructional television. The Department of Radio and Television functions in this respect as a production centre for information programs,

ranging from radio talks (produced for CKUA) to videotapes for varied distribution. Programs currently in production include a feature on hockey officiating, intended for hockey officials, coaches, and players (the expertise necessary to the production is here, in the Faculty of Physical Education); and a three-part series on the performing arts. More than one past production has gained recognition. "Parasites in Moose," a videotape originated by W.M. SAMUEL of the Department of Zoology and designed to show the public that certain parasites which afflict the moose do not affect its edibility, has been requested by organizations across Canada and the United States.

Educational radio, if there is such a term, is designed for general public consumption. The principal purpose of Radio, says GUY VAUGHAN, Supervisor of Radio Production, is to communicate the expertise of the University in an effective way. The lack of visual impact must be overcome, he says, by an interesting topic presented in an interesting way. More than 140 "Radio Talks" and 40 "Discussion Panels" are produced annually; all of the music for CKUA's "Music Hour" also comes from the department.

Funding for the many productions is derived from two sources. Radio and Television is funded as a University department, and most productions are financed from this budget. The other major source is the Public Service Grant, which comes from the provincial government and is administered by WILLARD ALLEN, Associate Vice-President (Academic) and Chairman of the General Faculties Council Radio and Television Committee. Most important overall, though, is that Radio and Television's clients need not worry about paying for the productions they want; those costs are borne by Radio and Television.

As important as production, says Mr. Jopling, is the distributing role of the department. "A full range of television equipment is available, and much of it does not require the services of a producer." Equipment of this nature includes portable videotape recorders, which are easy to understand and operate. If larger scale equipment is necessary, a three-camera mobile production unit (which *does* require producers) is available. As well, fully-equipped studios are available in the department's

headquarters in the Biological Sciences Centre for recording both radio and television programs, with or without producers, depending on the complexity of the project.

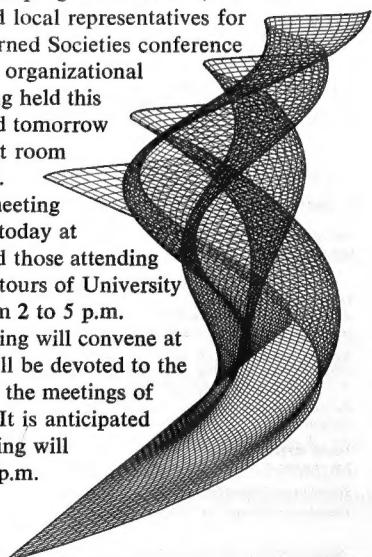
Radio and Television employs four producers: RAPHAEL BEAUSSART, JACK KEECH, DAVIS RAGOSIN, and DON SPENCE. When a decision is made to go ahead with a program one of the producers, depending on his interests and expertise, is assigned to work with the client. The producers also function as production-technical staff, handling and operating the equipment during production. BRIAN KIENAPPLE is Supervisor of Television Production, and is currently dividing his time between Radio and Television and "In Touch with U," seen weekly on CITV. JOHN SLEIK is Radio and Television's Technical Supervisor.

One cannot help but notice the desire of the staff of Radio and Television to assist University personnel in their television needs. There is a real interest in presenting the University—to itself as well as to the public—in its best light. If any readers have an idea or concept they feel can be exploited, they are invited to call Brian Kienapple at 432-4962 or 432-1231, or Bill Jopling at 432-3302. They'd be glad to discuss it.

LEARNED SOCIETIES ORGANIZATIONAL MEETINGS

Task force and program chairmen, committee members, and local representatives for the 1975 Learned Societies conference are invited to organizational meetings being held this afternoon and tomorrow in the banquet room at Lister Hall.

The first meeting will convene today at 1:30 p.m. and those attending will be given tours of University buildings from 2 to 5 p.m. Friday's meeting will convene at 9 a.m. and will be devoted to the scheduling of the meetings of each society. It is anticipated that the meeting will adjourn at 1 p.m.



UNIVERSITY AIDING TRAINING PROGRAM

A unique training program, established to help northern Canadians work within their own environment, is tapping the resources of The University of Alberta. The course, known as the Assistant Resource Management Officer program, has three general goals, according to ROB HORNSEY, Program Co-ordinator. Trainees receive a basic technical education, a good deal of field experience, and an introduction to "white" culture.

Designed primarily for Indian and Eskimo natives, the program embodies the philosophy that there is no need to eradicate indigenous cultures during the process of resource development. "There is no point in giving our trainees a solid technical background without also showing them how to communicate with 'southern' businessmen," says Mr. Hornsey. "One of the great problems in the past has been the lack of understanding—on the part of the incoming, technically dominant culture—of native attitudes and values. There is no question that these cultures *will* change with the introduction of technology, but they don't have to die out totally."

The Boreal Institute for Northern Studies and the Department of Extension are the segments of the University tapped most directly by the program. The very nature of the Boreal Institute makes it valuable, notes Mr. Hornsey, in that it contains key resource personnel such as DON GILL, Director of the Institute, and ART MARTELL, a Research Associate in the Institute, who are able to relate culturally to the rationale of the program. The Department of Extension is preparing a course for the trainees, to be held in February and March 1975, which will teach them the potential of institutional resources.

It also will prepare them to cope with the complexities of a different culture without submerging themselves in it.

The program, which takes two years to complete, has eight trainees enrolled: six from the Northwest Territories and two from the Yukon. Their geographical area centres on the Mackenzie corridor, which contains the bulk of Canada's northern population. Funded by the federal Department of Indian and Northern Affairs, it is a pilot project. Naturally, Mr. Hornsey hopes it will continue beyond its initial stages. "People who are native to the North have a natural, human investment in their land," he says. "They know what it's worth. That's why they probably can do the best job."

SENATE

The fall meeting of the University Senate was held Friday, September 27.

HONORARY DEGREE RECIPIENT NAMED

THE RIGHT HONOURABLE JOHN DIEFENBAKER, former Prime Minister of Canada, will receive an Honorary Doctor of Laws degree at the University's Fall Convocation, November 16. Mr. Diefenbaker also will deliver the Convocation Address.

LIBRARY ACQUISITIONS FUND

In March of this year the Senate received a submission from H.A. HARGREAVES, Associate Professor of English, deplored the state of the Library Acquisitions Fund. Dr. Hargreaves said the reduction in buying power of the University's book and periodicals budgets had seriously endangered the University Library. His submission resulted in the establishment of a Senate committee to study the Fund. Excerpts from the committee's report follow:

Statistical Data

A number of factors have combined to effect a substantial reduction in the ability of the University to purchase Library materials:

1. The average price per book has risen from \$8.43 in 1967-68 to an estimated \$14.64 in 1974-75. In the present year alone, book prices are estimated to increase by 20 percent. Similar rates of inflation may be applied to periodicals.
2. In actual dollars the Acquisitions Fund has fallen from \$1,874,250 in 1970-71 to \$1,575,000 in 1974-75. The book budget alone has fallen from \$1,605,000 to \$1,000,000 during this same period.
3. Utilizing a combined price budget index (based on 1967-68) the University's purchasing power for Library books has fallen from an index number of 100 in 1967-68 to 64 in 1974-75. This constitutes a loss in real purchasing power of 36 percent since 1967 and

is less than half of the purchasing power available in the 1969-70 budget year (effective index 147). The annual number of books purchased by the Library fell from 144,976 in 1970-71 to 128,244 in the 1972-73 academic year.

4. Changes in the international rates of monetary exchange, involving effective devaluations of the Canadian dollar, have increased costs of materials from abroad by more than 20 percent in some cases . . .

The total Library budget, as a proportion of the University-wide operating budget, has not significantly changed over the past several years. The declining growth of the Library budget reflects that of the University as a whole. An increasing proportion of the Library budget, however, has been devoted to staff salaries (about 60 percent in 1974 compared to about 50 percent in 1967). This is despite the fact that the number of full-time academic and non-academic staff in the Library system has declined from a high of 393 in 1971 to 354 in 1974. With University-wide staff salary settlements fixed in the Library budget, the proportion of money left for acquisitions has decreased. In times of financial stringency, this has been described as a "people first" budget orientation and appears to apply across the University . . .

Coping with Financial Stringency

Much of the responsibility for allocating acquisition funds falls to the Library Committee of General Faculties Council. It is this Committee that has faced the brunt of problems created by financial stringency . . .

In the Spring of 1972 it was decided that the Library would no longer be permitted to carry over unexpended funds from one fiscal year to the next. Therefore, although hundreds of thousands of dollars had been committed for purchases in one fiscal year, they had to be charged when the materials arrived—to the budget in the following year. This policy change evidently had the effect of exacerbating existing financial problems, at least in the short run. Another strain on this Committee is apparently created when new study programs are approved for the University without adequately considering the implications for the Library budget.

To meet what had become a serious situation in 1973-74, the General Faculties Council Library Committee took a number of steps:

1. The Developmental Fund (used to finance specific projects such as the establishment of new collections, the purchase of special collections, or the filling in of historical gaps in existing collections) was withdrawn and the monies transferred to the book acquisitions fund.

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THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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Marcy Davies, *Editor*

FOLIO Policy Committee: E. D. Hodgson (*Professor of Educational Administration*), J. W. Carmichael (*Professor of Bacteriology*), and Aymer A. Ryan (*Provost and Executive Assistant to the President*). Staff: Jeannette Rothrock (*Acting Publications Officer*), David Norwood (*Writer*), Norma Gutteridge (*Copy Editor*), Marjorie Olsen (*Editorial Assistant*), Richard Kerr (*Design Editor*).

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2. A temporary moratorium was placed on new periodical subscriptions.
3. An inventory was taken of all existing periodical subscriptions and duplicate, unused, and many lightly-used subscriptions were cancelled.
4. Marginally-used foreign newspapers were cancelled.
5. Some blanket book orders were cancelled.
6. A special "tax" was imposed on funds normally distributed to teaching departments for book purchases: 10 percent in 1973-74, 15 percent in 1974-75. Departmental book orders were reduced.
7. Monies available for retrospective buying (filling in historical gaps in collections) were reduced.

These economy measures were, in themselves, still not enough to overcome a serious financial crisis. In October 1973, the Library received a special \$40,000 grant from the Board of Governors, followed by another \$60,000 in January 1974.

Effects of Budget Stringencies

... This Committee surveyed the opinions of all deans, directors, and department chairmen at The University of Alberta. We asked them to assess the effect of existing budgetary provisions in the Library on their individual research and teaching activities ... They lead this Committee to conclude that, in the absence of budget increases and other measures, it appears likely that the University Library could experience damage in the years to come, with observable effects on the teaching and research capacity of this institution.

Conclusion

... The task of this Committee was to establish the adequacy of the Library's Acquisitions Fund. The Fund appears to be increasingly inadequate to meet the stated need of the University community. As a short-term solution, greater financial support alone would alleviate the most pressing problems indicated by the academic staff. But the need for long-range methods of meeting the University's Library needs has been emphasized to us. Random suggestions have included, for instance:

1. far-reaching communications reorganization, involving the development of a provincial library network, interconnected by computers and printing systems;
2. alternative funding sources, such as the 3AU Fund or the establishing of a University Library foundation;
3. internal reorganization, such as the removal of the Library's Acquisitions Fund from the University's operating budget to its capital expenditures or otherwise granting it special status in budgeting procedures; and

Dr. Clandinin



POULTRY NUTRITIONIST HONORED

The Agricultural Institute of Canada has presented a Citation for Fellowship to DONALD CLANDININ, Professor of Animal Science, in recognition of outstanding work in the field of poultry nutrition, particularly in relation to the nutritive value of protein supplements in which he is acknowledged as a world authority.

Dr. Clandinin's work has led to improved procedures in the processing of oilseed protein crops and to the expanded use of rapeseed meal for livestock feed in Canada and other countries.

4. re-assessment of charges to outside users (such as professional societies).

Whatever the means, if the Library collection at The University of Alberta is to maintain its standards, fiscal planning will be required, in addition to higher levels of financial support. Unless a concerted effort is made for appropriately funding the books and periodicals collections, this Committee can only restate its concern for the future quality of this University.

Following receipt of the task force report, Senate members approved a motion by J.R. KANDLER: "Recognizing the importance of an adequate Library for the purpose of meeting the objectives of this University, the Senate shares the concerns expressed in the report of its committee on the status of the Acquisitions Fund of The University of Alberta Library. The Senate furthermore recommends that the University Administration give consideration to the isolation of the Acquisitions Fund for budgeting, funding, and control purposes and offers to make available the detailed impressions of the members of its committee in further meetings with the Administration, should this be desired."

REPORT ON QUOTAS

The Senate Task Force on University Entrance Requirements presented a report on the problem of quotas. The report contained the following recommendations:

1. The University should take immediate steps to broaden its information program in order to provide the public at large with complete information on the policies of establishing quotas and the criteria used in selecting students to fill the quotas.

The information gap between the University and the public is a serious one and requires immediate action by University authorities.

2. The provincial government must clarify its position as to the ultimate maximum size of The University of Alberta as soon as possible.

(HENRY KREISEL, Vice-President [Academic], pointed out to Senate members that this had in fact been done in May of this year, when the government told the University that its size should be somewhere between the maximum suggested in Academic Plan 8 [19,000] and the minimum in Academic Plan 9 [25,000]. Dr. Kreisel said the figure would be approximately 24,000.)

3. There must be closer co-ordination and consultation on the part of The University of Alberta and the provincial government in the formulation of the Academic Plan.

It is essential that the Academic Plan reflect the needs of society as seen by the provincial government as well as protecting the interest of the University as an academic community.

4. The Department of Advanced Education and The University of Alberta should jointly explore ways of improving relationships between the two groups.

The misunderstandings which exist between the University community and the Department of Advanced Education make the handling of the quota problem more difficult.

5. The procedures presently in use by the University to determine the imposition of quotas should be re-examined with a view to obtaining more public reaction before actual quotas are established.

6. The University of Alberta should explore the possibility of widening the participation of non-University personnel in the selection procedures for quota faculties. (It was pointed out that these personnel should not be members of professions related to the quota faculties. The purpose of the recommendation is to decrease the amount of public suspicion regarding selection procedures for quota faculties.)

7. The University of Alberta should study the possibility of setting up some type of random selection for qualified candidates where student places are limited.

8. Studies should be conducted to determine

whether the present University facilities and staff are being used to provide for the maximum number of student places, and the result of such studies should be widely publicized.

9. Certain programs at the University should be re-evaluated as to suitability of the length of the program and also whether these programs should be offered by the University or be available at some other post-secondary institution.

10. The practice of requiring graduates of certain professional faculties to render service in the local area for a set period of time should be explored.

The province heavily subsidizes certain professional faculties and many of the graduates leave the province and, in some cases, the country.

UNIVERSITIES ACT REVIEW

The review of those portions of *The Universities Act* which pertain to the Senate is continuing. The committee will report at the November 22 meeting of the Senate.

The deadline for submissions to the provincial government has been set back to January 1, 1975.

GENERAL FACULTIES COUNCIL

The regular meeting of General Faculties Council was held September 30, 1974.

COMPUTERS IN HIGHER EDUCATION

Members approved the following motions by HENRY KREISEL, Vice-President (Academic):

1. That this University support the major policy recommendations of "Computers in Higher Education," that the University should accept responsibility for operation of a regional computing facility to provide service for both academic and administrative computer work and to be operated for the use of any post-secondary educational institution in the province, subject to the following conditions: (a) that the Department of Advanced Education will provide special funding to implement the proposed facility; (b) that the facility would be operated in general accordance with the recommendations contained in the report "Computers in Higher Education," (c) that the timetable for implementation of the proposed facility can be satisfactorily negotiated with the Department of Advanced Education.

2. That the Board of Governors be requested to enter into negotiation with the Department of Advanced Education for funding, acquisition, and operation of the proposed regional computing facility.

In preparing its recommendations, the Computer Facilities and Policy Committee of

General Faculties Council emphasized the fact that the University "is at present under-equipped with computing facilities for general purpose computing, particularly in view of the anticipated future demand for computer work." The Committee also felt that the co-operative development proposed by the Department of Advanced Education is the most expeditious way of obtaining improved computing service.

INNOVATIVE PROJECTS POLICY

Members approved the following motion by H. KREISEL, Vice-President (Academic), regarding procedural guidelines for the Department of Advanced Education's Innovative Projects Policy. The guidelines were formulated by the Academic Development Committee.

1. That the Academic Development Committee receive and consider applications from Faculties and Schools, and that the co-ordination and submission thereof to the Department of Advanced Education be effected through the Office of the Vice-President (Academic);
2. That each Faculty or School establish internal procedures for the evaluation of projects—which should be in line with Faculty/School priorities and objectives;
3. That a letter of transmittal from Deans/ Directors accompany each proposal submitted to the Academic Development Committee which, in turn, will establish that such proposals are generally in line with University objectives;
4. The Committee does not recommend that it assign priorities to the proposals received; and
5. As the Department of Advanced Education has requested that proposals be submitted with institutional approval, the Committee recommends that all proposals from the University be sent to the Department under the signature of the Vice-President (Academic), who will act in concert with the Academic Development Committee. (Also see FOLIO September 26, 1974.)

TRANSFERABILITY OF CREDIT POLICY

The Faculty of Arts, in considering the Transferability of Credit Policy approved by General Faculties Council Executive Committee (acting for Council on June 3, 1974; see FOLIO June 13, 1974), made additional recommendations. They were moved by JACK GIRTON, Graduate Students' Association, then debated and approved by Council in accordance with recommendations of the Executive Committee and the Colleges Committee of General Faculties Council. Of the three Faculty of Arts recommendations, the first and third were approved as submitted. The second was replaced with one formulated by the Executive Committee. The approved motions appear below.

1. That the University record as one of its

objectives in its relations with other post-secondary institutions the establishing of a means of accrediting Alberta colleges and institutes; that it seek to bring into being an independent accrediting body with established guidelines; and that it maintain that accreditation should be subject to continuing review.

2. That a representative be appointed by the President, *pro tem*, to serve on the Credit Arbitration Committee. (Note: the appointee is WILLARD F. ALLEN, Associate Vice-President [Academic].)

3. That there ought not to be delegation of authority to Faculties and Schools to enter into private agreements with other post-secondary institutions; and that there ought in fact to be a representative and funded University committee charged with establishing University positions and that it ought to have attached to it, as resource people, the Admissions Officers of the participating Faculties/Schools.

COLLEGES COMMITTEE CHANGES

Members approved the following motions by MYER HOROWITZ, Dean, Faculty of Education.

1. That the Committee be renamed the *Articulation Committee of General Faculties Council of The University of Alberta* (ACUA).
2. That the composition of this Committee be changed as follows:

Old Composition

Six to eight members elected by General Faculties Council which will include members from the Registrar's Office and other administrative positions.

Chairman to be elected from members.

New Composition

Six academic members elected by General Faculties Council of whom at least one will be a member of General Faculties Council. Chairman of the Admission Requirements Committee.

Chairman of the Summer Session and Evening Credit Program Committee.

Two members from the student community, at least one of whom has transferred from an Alberta college.

An Executive Secretary from the Registrar's Office.

Ex Officio: The University of Alberta representative on the Provincial Credit Arbitration Committee.

Chairman to be elected from Committee members.

3. That the terms of reference of this Committee be changed as follows:

Old Terms

To consider the recommendations of the Evaluation Committee regarding:
—application for affiliation;

—renewal of affiliation;
—review of existing affiliations.

New Terms

To be developed from the principle that the primary task of the Committee is to formulate and recommend University policy re: transfer and credit arrangements with the colleges, and thereafter to ensure smooth transfer and to assist colleges in meeting program requirements.

ACADEMIC APPEAL COMMITTEE

Members approved a motion by **GRANT DAVY**, Professor of Political Science, which extended the terms of reference of the General Faculties Council Academic Appeal Committee:

That subject to the prescribed limitations on the authority of the Academic Appeal Committee, its present scope of authority shall be broadened to include appeals concerning admission to a non-quota program from students of a public or private community college, institute of technology, or regional agricultural and vocational college, who fall within the purview of the Admission and Transferability of Credit Policies of The University of Alberta, approved on June 3, 1974.

The former scope of the Committee was to hear and determine the appeal of any student from decisions affecting his academic standing at the University which relate to: (a) transfer from one program to another; (b) admission from another faculty of the University; (c) continuation in a program; (d) graduation; (e) a request to withdraw.

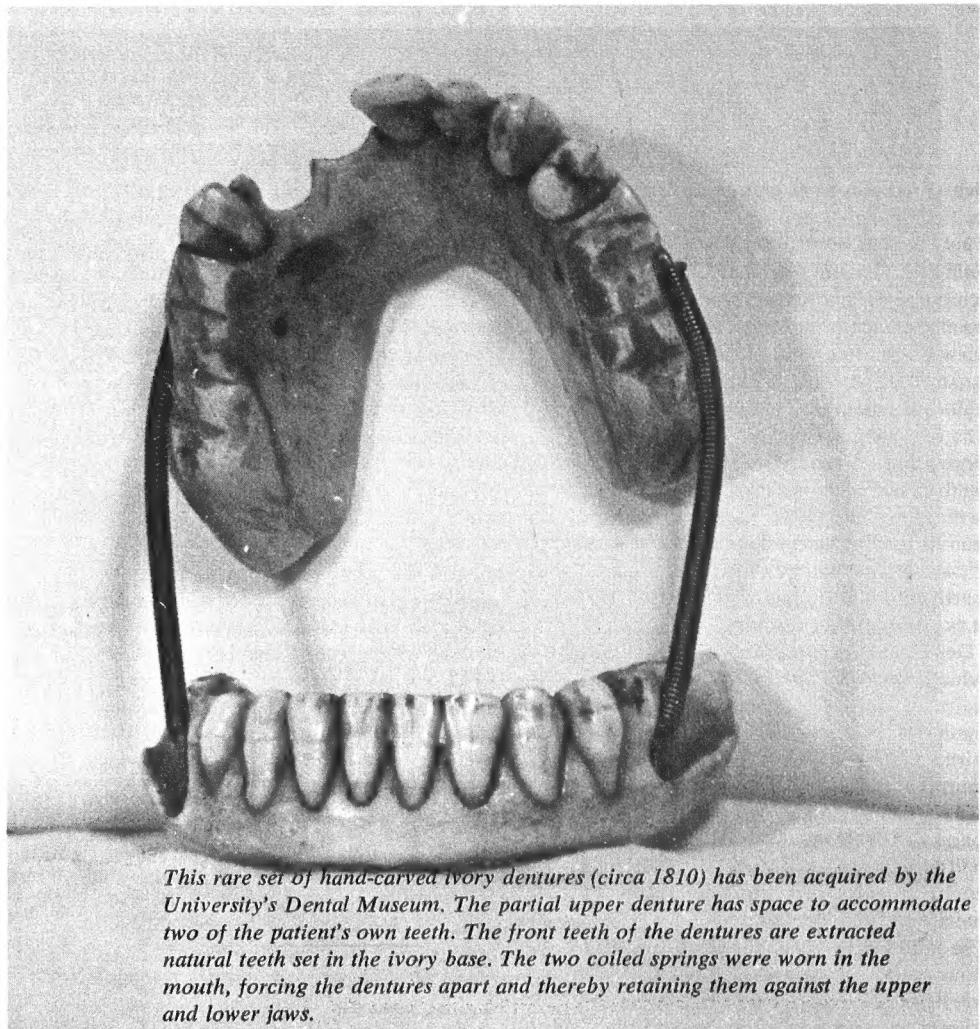
UNIVERSITY COURSES: REPORT ON CRITERIA

The General Faculties Council *ad hoc* Committee to Establish Criteria for University Courses, established in March 1971, felt it was unable to comply with its terms of reference. Council members therefore accepted the motion of the Committee's chairman, **G. FORD**, Dean of the Faculty of Engineering, "That General Faculties Council receive the *ad hoc* Committee's report and discharge the Committee."

The Committee's report states, in part, that the Committee met "at frequent intervals throughout 1971 and in the early part of 1972. Wide divergence of opinion was obvious from the start of the Committee's deliberations. Informal discussions between members of the Committee continued through 1972 and 1973 but no agreement has been reached on the establishment of criteria for University courses, although agreement was reached on some general principles of University education."

The general principles included in the report are:

1. University study should emphasize principles and concepts more than memory of facts. It



This rare set of hand-carved ivory dentures (circa 1810) has been acquired by the University's Dental Museum. The partial upper denture has space to accommodate two of the patient's own teeth. The front teeth of the dentures are extracted natural teeth set in the ivory base. The two coiled springs were worn in the mouth, forcing the dentures apart and thereby retaining them against the upper and lower jaws.

ED MAC QUARIE

should examine the logical foundation of concept and theory, and encourage criticism of current views especially in the light of continuing research and developments in cognate areas of study.

2. University programs must, therefore, be incremental, building on previous knowledge and integrating new knowledge, so that further advances in learning can be made. The integration of new knowledge should create a requirement for further knowledge.
3. For these reasons teaching and research need to be carried on simultaneously by those who teach in universities.
4. Both in teaching and research wide variations occur between disciplines in methods of approach, techniques involved, and sophistication of technology used.
5. Since University programs should build on already existing knowledge and incorporate recent advances in knowledge the content of such programs should change through time.

NOMINATING COMMITTEE

At the meeting of the Nominating Committee on September 11, 1974 **R.J. BUCK**, Professor of Classics, was re-elected Chairman.

Council members elected **J.F. FORREST**, Professor of English, and **R.U. LEMIEUX**,

Professor of Chemistry, to the Advisory Selection Committee for Vice-President (Academic). **D.F. CAMERON**, Dean of the Faculty of Medicine, **D.M. ROSS**, Dean of the Faculty of Science, and **D. RANKIN**, Professor of Physics, were elected to the Selection Committee for Killam Memorial Chair Professor. **F.C. ENGLEMANN**, Professor of Political Science, was elected to the Selection Committee for Chairman of the Department of Germanic Languages, and **E. MC COY**, Professor of Paediatrics, was elected to the Selection Committee for Chairman of the Department of Psychiatry.

Members also approved the following recommendations of the Nominating Committee:

1. That the Selection Committee for Killam Memorial Chair Professor consist of the Vice-President (Academic) and the Dean of the Faculty of Graduate Studies and Research as *ex officio* members, plus three members to be elected by General Faculties Council (see above).
2. At the request of the Academic Appeals Committee, the Nominating Committee recommends that the membership of this Committee be enlarged by the addition of three

student alternates to be elected by General Faculties Council.

3. That the Officer responsible for implementing the General Faculties Council Discipline, Law and Order Procedures be appointed a member of the Campus Law Review Committee. (Note: this Officer is MARGARET M. MIDGLEY, Secretary to General Faculties Council.)

The following persons have been elected to various selection committees (given in parentheses after the person's title): JOHN KUSPIRA, Associate Dean, Faculty of Science (Dean of the Faculty of Law); BRENDAN RULE, Professor of Psychology (Chairman of the Department of Anthropology); CHARLES R. STELCK, Professor of Geology (Chairman of the Department of Geography); FRANCIS MACRI, Graduate Studies, Comparative Literature (Chairman of the Department of Germanic Languages); ERNEST E. MC COY, Professor and Chairman, Department of Paediatrics (Chairman of the Department of Psychiatry); ROBERT S. PATTERSON, Professor and Chairman, Department of Educational Foundations (Chairman of the Department of Sociology); THEODOR K. SHNITKA, Professor of Pathology (Chairman of the Department of Surgery).

The following persons have been elected to various review committees (given in parentheses after the person's title): WALTER E. HARRIS, Professor and Chairman, Department of Chemistry (Dean of the Faculty of Dentistry); ERNEST REINHOLD, Professor of Germanic Languages (Chairman of the Department of Linguistics); THOMAS NELSON, Professor and Chairman, Department of Psychology (Chairman of the Department of Philosophy).

APPOINTMENT TO COMMITTEES

Council members approved a motion by GRANT DAVY, Professor of Political Science, "that when the composition of a General Faculties Council committee requires representation from groups other than General Faculties Council, the groups shall be given the opportunity to nominate a representative, but the refusal of a group to nominate shall not preclude committee action."

GENERAL FACULTIES COUNCIL QUORUM

Members approved the following motion by MYER HOROWITZ, Dean, Faculty of Education: "That in the months of May and June the quorum for General Faculties Council shall be reduced from one-third to one-quarter of the total membership (that is, from 44 members to 33)."

NEW MEMBERS

The following new members were appointed to Council (with exceptions as noted, all terms expire April 30, 1975): C.D. SHARPLIN,

Professional Librarian (June 30, 1977); M. STOROZUK, Professional Librarian (June 30, 1976); G. CROXTON, Business Administration and Commerce; R. ELFORD, Agriculture; A. ESAU, Law; JUDY VEZINA, Pharmacy; J. MAC DONALD, Nursing; S. MC NAUGHTON, Household Economics; D. SINCLAIR, Dentistry; J. SPOT, Physical Education; R. TERRIFF, Rehabilitation Medicine; R. YONEDA, Medicine; BARRY CARBOL, SUSAN HOLT, BERT VAN NIEJENHUIF, HANS EHRENLECHNER, Education.

Members also received for information the names of the following staff members elected from the faculties: D.L. FLOCK, Professor of Mineral Engineering (June 30, 1977); A. LAMBERT, Assistant Professor of Household Economics (June 30, 1977); J.M. PLECAH, Associate Professor of Dentistry (June 30, 1977); P.R. SMY, Professor of Electrical Engineering (June 30, 1976); M. PARKER, Associate Professor of Rehabilitation Medicine (June 30, 1977); and J.L. DEWAR, Assistant Professor of Law (June 30, 1977).

EXECUTIVE COMMITTEE: CHANGE IN COMPOSITION

Council approved the following motion made by CELINE BELANGER, Students' Union: "That the composition of the Executive Committee of General Faculties Council be altered to provide for an additional undergraduate student."

BOARD OF GOVERNORS

The Board of Governors and its Executive Committee met October 4, 1974.

RENOVATIONS PROCEED IN NORTH GARNEAU

The North Garneau Management Committee has been authorized to proceed with the renovation of houses in the North Garneau community. Work will be initiated on four houses per month until a total of 20 houses have been renovated.

In the first phase of the renovation project, \$100,000 was allocated for work on 10 houses; now another \$100,000 has been granted for the next 10 houses. Although some of the houses in the first group exceeded the estimated average cost of \$9,000 the Management Committee anticipates that the renovation costs for some of the other houses will fall below the average.

Lease Control Policy

The Board also approved the principles of tenancy as drawn up by the Management Committee:

1. That all houses in the North Garneau community be leased to a basic group of full-time students (as defined by the Registrar and the Faculty of Graduate Studies and Research), each of whom must be 18 years of age or more.

2. The basic group will equate in number with the number of bedrooms in the house, i.e. its minimum capacity.

3. Each house will be rated for a maximum capacity. Members of the basic group will be permitted to invite others to join in the lease to the limit to the maximum capacity. All occupants of the house, except dependent children of occupants, must become joint tenants on the lease and provide information as to their connection to the University.

4. All leases will terminate on the thirty-first of August of each year.

5. For a maximum period of five years, the incumbent basic group within a house may apply for a further term on or before the thirtieth day of June provided that 50 percent or more of the basic group join in the application and undertake that the full complement of the new basic group will be identified by July 31 and signed on the lease prior to August 31. Failure of the incumbent group to meet these requirements will require the tenants to quit and vacate the house on August 31.

6. If no application for a further term is received from the incumbent group on the thirtieth day of June, other applications on file will be reviewed in the month of July on a first come, first served basis to determine the priority of suitable applicants for the houses available for the ensuing term.

7. No specific qualifications are required from occupants other than the basic group, but it is expected that these other occupants will by natural selection have some direct tie with the University, either as part-time students or staff members. However, all occupants of the house to its maximum capacity must join on the lease and provide information as to their status in their relationship to the University, and this part of the policy will be reviewed again in July of 1975 for an analysis of the actual occupation of houses.

8. If the joint tenants permit occupants in the house without having them joined in the lease, their lease will be subject to termination on 30 days notice and all occupants of the houses will be barred from future tenancy in the community.

NON-ACADEMIC STAFF RECEIVE SALARY INCREASE

All members of the non-academic staff have been awarded an interim salary adjustment of \$60 per month, effective October 1, 1974.

F.T. JENNER, Chairman of the Board, says the increase was approved "in recognition of continuing inflationary pressures and the deteriorating position of The University of Alberta in the local labor market. The matter has been under consideration by the Administration for several weeks, and strong representations have been received from the



RICHARD KERR

A new piece of equipment designed for fatigue testing of materials was delivered to the Mechanical Engineering Building recently, but getting it out of the truck was an engineering problem in itself. It seems a

forklift had been used to load the \$100,000 machine into the truck and none was available to lift it out. Faculty of Engineering who were on hand were understandably hesitant to offer suggestions to the crew.

Non-Academic Staff Association on behalf of its membership."

Mr. Jenner says the adjustment will increase the projected deficit of the University in the 1974-75 fiscal year and will further erode an operating surplus position which is already well below a prudent level for an institution with a net operating budget of approximately \$80 million. The increase was granted, however, on the understanding that the government would be sympathetic to a request for additional financial support.

TRACKER' ORGAN FOR CONVOCATION HALL

The Memorial Organ in Convocation Hall will be replaced by a tracker instrument rather than an electropneumatic one, at an estimated cost of \$110,000. Although the electropneumatic organ would cost only about \$60,000 the tracker type was favored because it is better suited for both teaching and performance purposes, it has a life expectancy of 100 years as compared to 40 or 50 years for

the electropneumatic type, and it will likely require considerably less maintenance.

Board members agreed to apply to the provincial government for a special project grant to finance the new organ. If the application is rejected, 3AU funds may be used.

GERHARD KRAPF, Head of the Organ Department at the University of Iowa, will be hired as a special consultant to provide a study of the space and acoustics of Convocation Hall and to make recommendations with respect to the make of the new organ and the manner of its installation.

NEW STACK FOR POWER PLANT

The stub stacks on the South Power Plant will be replaced by a single 135-foot stack, at an estimated cost of \$370,000. The Board's approval of a recommendation to that effect is conditional, however; further studies will be conducted to determine whether a 135-foot stack would meet only minimal requirements of the Department of the Environment and

whether future changes in the Department's requirements could be accommodated once the stack was built.

D. Panar and Associates have been named as prime consultants to undertake the design and construction of the proposed stack.

REPORT ON COMPUTERS IN HIGHER EDUCATION

The Board has approved General Faculties Council recommendations and has authorized HARRY GUNNING, President, to negotiate with the provincial government regarding the establishment at the University of a computing centre to serve post-secondary institutions in the northern half of the province. (See item in report of September 30 General Faculties Council meeting, this issue.)

GSA REPLACEMENT NAMED TO BOARD

MRS. SUSAN THERRIEN is the new Graduate Students' Association representative on the Board. She is President of the Association and replaces PETER FLYNN.

FACULTY OF MEDICINE'S STUDENT RESEARCH DAY

Each year approximately 50 students in the Faculty of Medicine are introduced to research by working in conjunction with a faculty member on a summer research project. On "Student Research Day" a selected group of abstracts are presented to the faculty and student body. A panel of judges, one of whom is always an outstanding Canadian scientist from another university, selects the three top papers. The students whose papers have been selected are sent to the SAMA-UTMB Medical Student Research Forum in Galveston, Texas the following year.

This year's Student Research Day, the seventh, will be held Tuesday, October 22 and the visiting judge will be PAUL HARDING of London, Ontario.

VISITORS

■ C.R. JANSSEN, Laboratory of Paleobotany and Palynology, State University of Utrecht, Netherlands, conducted a special seminar in the Department of Botany.

PEOPLE

■ D.I. GOUGH and F.W. JONES, Professor and Associate Professor of Physics respectively, collaborated with colleagues in the Department of Energy, Mines, and Resources in Ottawa during the summer to organize an international workshop on electromagnetic induction in the earth. Among contributors were J.H. DE BEER of South Africa and A.O. ALABI of Nigeria, both students in the Department of Physics.

■ R.T. COUTTS, Professor of Pharmacy and Pharmaceutical Sciences, has been named Chairman of the Medical Research Council Grants Committee for Pharmaceutical Sciences for 1974-75.

■ RONALD TORGESSON, a postdoctoral fellow in the Theoretical Physics Institute, conducted seminars on his recent visit to the Universities of Chicago and Maryland.

■ ROBERT S. PATTERSON, who has been Chairman of the Department of Educational Foundations since 1971, has indicated his intention to resign as Chairman effective June 30, 1975. Dr. Patterson will return to full-time teaching and research as Professor of Educational Foundations. A selection committee for a new chairman is being formed and should begin its work in November.

■ A.G. SCOTT, Vice-President of the Alberta Psychological Association and staff member of the Department of Educational Psychology,

was an invited participant at the Canadian Conference on Social Welfare held in Calgary.

■ C.M. RODKIEWICZ, Professor of Mechanical Engineering, has been invited to submit biographical data to *Who's Who in the West*.

■ Two members of the Department of Sociology have been elected to positions in the Society for the Study of Social Problems. J.C. HACKLER, Professor, has been elected to the board of directors for three years and GWYNNE NETTLER, Professor, has been elected to the Standards and Freedom of Research, Publication, and Teaching Committee for three years.

■ KAROL KROTKI, Professor of Sociology, and MICHAEL BRACHER, graduate student in Sociology, continued their research into North African demography in Rabat, Morocco during the summer.

vacancies exist for two members of the student community, at least one of whom has transferred from an Alberta college, to be elected by General Faculties Council to serve on the Articulation Committee.

Those who have suggestions for nominations or who are interested in serving on the above committees are requested to contact the Secretary of the Nominating Committee, MRS. P. CAMPBELL, 2-1 University Hall, 432-4965.

NEGOTIATION SKILLS AND CONFLICT RESOLUTION

DONALD C. KING, Professor of Administrative Sciences and Psychology, Krannert Graduate School of Industrial Administration, Purdue University, will be the Dean of a Negotiation Skills and Conflict Resolution laboratory sponsored by the University Department of Extension, October 27 through November 1. The laboratory has been designed as an experimental learning program to provide participants with a greater understanding of the interpersonal processes operating in negotiation and conflict resolution. Staff personnel will include CHARLES MC CLEARY, Extension Specialist, University of Saskatchewan, and MERRIL MC DONALD, Associate Professor of Extension, The University of Alberta.

Registrations are being accepted in 228 Corbett Hall. Registration fee is \$120. Additional information may be obtained by calling 432-3035 during the day.

STUDIO THEATRE ANNOUNCES NEW SEASON'S WORKS

Studio Theatre's 1974-75 season will open October 24 with *Sticks and Stones*, a new play by Canadian playwright James Reaney. The next production will be *Camino Real* by Tennessee Williams, December 5 to 14, followed in the new year by *The National Health* by Peter Nichols, author of the famed *Joe Egg*. This will run February 13 to 22. The season will be brought to an hilarious close by performances of a bedroom frolic, *Hotel Paradiso* by Georges Feydeau and Maurice Desvallieres, March 27 to April 5.

In addition to its regular season, Studio Theatre will be featuring a number of special attractions, including the world premiere of *The Injured*, the play by Vancouver playwright Tom Grainger which won the first Clifford E. Lee National Playwriting Contest.

All productions will be presented in the Corbett Hall theatre, with performances commencing at 8:30 p.m.

Season subscriptions may be obtained either by calling or writing the Department of Drama, 3-146 Fine Arts Centre, telephone 432-1495. Subscribers receive two tickets to each of the four regular plays for a total of \$7.50.

Tickets for the opening production, *Sticks*

NOTICES

SENATE SEEKS IDEAS ON EXTENSION FUNCTION

The Senate Task Force on the Extension Function will receive briefs, letters, or personal submissions on the future of the extension function of The University of Alberta until October 18, 1974. Anyone with ideas about how University resources might be used or better used for the benefit of the general community is invited to respond to: MRS. DORA MC CULLOCH, Chairman, Senate Task Force on the Extension Function, 5-8 Mechanical Engineering Building; 432-1268.

STUDENT AWARDS OFFICE HAS MOVED

The Student Awards Office, formerly in the Administration Building, is now located in 219 Central Academic Building.

MOVEMENT EDUCATION PROGRAM

There are several vacancies in the Saturday Morning Movement Education Program offered by the Department of Educational Services, Faculty of Physical Education, for children 6 to 8 years old. Classes are held from 9 to 10 a.m., and from 11 a.m. to noon. Please contact MARGARET ELLIS, G108 Education Building, telephone 432-3652, for information and registration.

GFC COMMITTEE VACANCIES

The General Faculties Council Nominating Committee is seeking nominations for the following committee vacancies:

Executive Committee: a vacancy exists for one additional undergraduate student member to be elected by General Faculties Council to serve on the Executive Committee.

Articulation Committee of General Faculties Council of The University of Alberta:

and Stones, go on sale October 17. The play will run until Saturday, November 2. There will be a single matinee performance Saturday, October 26 at 2:30 p.m.

Single admissions are \$2.50 (free for University students) and tickets may be reserved in the same manner as season subscriptions (see above).

EDMONTON BUDDHIST SOCIETY

Meetings of the Dharma Sangha will be held Friday, October 11 and Friday, October 25 at 8 p.m. at 11526 77 Avenue.

Meditation will be held in 289 Central Academic Building at 7:30 p.m. Friday, October 18 and Friday, November 1. Additional hour-long periods of meditation are held in 289 Central Academic Building every Monday between 1 and 2 p.m. and every Wednesday and Friday between 3 and 4 p.m.

For further information telephone 436-2582 or 649-2878.

INTERVIEWERS WANTED

Interviewers are required for research on multi-culturalism in Edmonton. University graduates or seniors, graduate students, or part-time students are preferred.

For further information telephone G.S. PAUL at 432-5451 or 435-2549; or C. CALDEROLA at 432-3278 or 433-5239.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.

10 OCTOBER, THURSDAY

Graduate Students' Association

Fall is an excellent time to branch out, to broaden your horizons, and to meet new people. One of the best places to do this is at the Graduate Students' Social Centre every Thursday evening, 8 p.m. to 12:30 a.m. The admission, including beer or wine, is only \$1.50. Food, conversation, dancing, games, and music are all available at the Grad House, 11039 Saskatchewan Drive.

Recital

8:30 p.m. "IVAN REBROFF." Jubilee Auditorium. Tickets from Mike's, 424-8911, 429-0848.

11 OCTOBER, FRIDAY

Graduate Students' Association

Get your weekends off to a flying start every Friday afternoon at the Grad House, 11039 Saskatchewan Drive. From 4 to 6 p.m., the Happy Hour features a wide spectrum of refreshments at rock bottom prices as well as

Godfrey's legendary chili. For the dedicated grad student the hours from 9 p.m. to 12 midnight provide an opportunity to discuss or forget the week's activities.

Student Cinema

And 12 October, Saturday. 6 and 8:45 p.m. *Box Car Bertha*, plus cartoon and *Flash Gordon* serial. Students' Union Theatre. Advance ticket sales to Students' Union members only, \$1, at SUB Information Desk; \$1.50 at the door.

Faculty Club

Downstairs. TGIF—Thanksgiving buffet. Roast turkey with fruit stuffing, fresh cranberry sauce, whipped potatoes, brown gravy, baked squash, pumpkin pie. **\$4.25.**

Upstairs. Regular dinner menu served 6 to 10 p.m.

Ski Movie

7 and 9 p.m. *Earth Rider* with MIKE MARVIN. Jubilee Auditorium. Tickets from Mike's, 424-8911, 429-0848, and the Mountain Shop, 439-3333.

Homecoming '74

8 p.m. "Meet the pros" wine and cheese party. Faculty Club. Tickets \$3, available at the door.

International Folk Dancing

8:30 to 10:30 p.m. throughout the school year. Physical Education Building, room 11. Donations appreciated.

12 OCTOBER, SATURDAY

Football

2 p.m. Golden Bears vs. The University of Calgary Dinosaurs. Varsity Stadium.

Faculty Club

Downstairs. Barbecue your own at the patio grill.

Upstairs. Regular dinner menu served 6 to 10 p.m. (The Club will be closed 14 October, Monday.)

Homecoming '74

Banquet and ball. Reception 6:30 p.m., dinner 7:45 p.m. Lister Hall. Tickets \$16 per couple; telephone 432-3224.

Edmonton Opera Association

8:30 p.m. Recital. "RICHARD TUCKER and ROBERT MERRILL." Jubilee Auditorium. Tickets from Woodward's, fourth floor, Edmonton Centre.

13 OCTOBER, SUNDAY

Women's Field Hockey

10 a.m. Pandas vs. the University of Winnipeg Wesmenettes. Lister Field.

Soccer

12 noon. Golden Bears vs. the University of Winnipeg Wesmen. Lister Hall.

Television Program

'In Touch with U'

5 p.m. Featuring "Kidney freeze," "Classic digs," and "Alberta's largest art gallery." CITV channel 13, cable 8.

Student Cinema

6 and 8:45 p.m. *Pocket Money*, plus cartoon and *Flash Gordon* serial. Students' Union Theatre. Advance ticket sales to Students' Union members only, \$1; \$1.50 at the door.

14 OCTOBER, MONDAY

Audubon Wildlife Films

8 p.m. *Florida Cypress Sanctuary* directed by Richard Kern, sponsored by the Edmonton Bird Club. Henry Marshall Tory Building, TL-11. Tickets at the door: adults \$1.25, children 50 cents.

15 OCTOBER, TUESDAY

Women's Program Centre

8 p.m. "Alternative lifestyles," a slide-tape presentation followed by discussion in small groups. Second of eight programs. Tory Lecture Theatre, TLB-2. Registration fee \$2.

Boreal Circle

8 p.m. "Inuit—the new harpoon," by KEITH J. CROWE, Executive Assistant to the President, Northern Quebec Inuit Association. Biological Sciences Centre, fourth floor cafeteria, centre wing. Membership fees: \$3 family, \$2 single; or 50 cents per meeting (University students free).

Western Studies Colloquium

8 p.m. "Liberal Party alternatives for Alberta" by NICK TAYLOR, Leader of the Alberta Liberal Party. Henry Marshall Tory Building, room 14-14. All are welcome.

16 OCTOBER, WEDNESDAY

Lunchtime Reading

12:15 p.m. "The way of love—the way of strife," a collage of poetry and prose on the battle of the sexes through the ages by The Rivals company. Citadel Theatre, 10026 102 Street. Admission \$1; bring your own lunch.

Botany Seminar

4:30 p.m. "Plant ecological studies of coastal tundra" by KENNETH A. KERSHAW, Department of Biology, McMaster University. M-145 Biological Sciences Building.

Faculty Club

"Wednesday at eight" presents a demonstration of gourmet cooking by the Faculty Club staff. Coffee and desserts available.

Organ Recital

8:30 p.m. Recital by ODILE PIERRE, titular organist of the Church of the Madeleine, Paris, France. All Saints' Cathedral. Tickets \$2.50 (students and senior citizens \$1.50) available at the door.

17 OCTOBER, THURSDAY

French Film Series

7:30 p.m. *Les Parents Terribles* (1949)
directed by Jean Cocteau. Collège Universitaire
Saint-Jean, room 013. Admission free.

Sparky Rucker in Concert

8 p.m. "Blues, gospel, folklore, mountain
music, and country too." Students' Union
Theatre. Tickets \$3 (students \$2) at the
Students' Union Box Office, Monday to
Friday 9 a.m. to 4 p.m.; or at the door.

Alberta Geographical Society

8 p.m. "Population problems in Latin
America," an illustrated talk by ALFONSO
GONZALEZ, Professor of Geography, The
University of Calgary. Henry Marshall Tory
Building, TLB-2.

18 OCTOBER, FRIDAY

Student Cinema

And 19 October, Saturday. 6 and 8:45 p.m.
Pat Garret and Billy the Kid, plus cartoon and
Flash Gordon serial. Students' Union Theatre.
Advance ticket sales to Students' Union
members only, \$1; \$1.50 at the door.

Faculty Club

Downstairs. TGIF—Oktoberfest. Sauerbraten,
spaetzles, rotkohl, schwartzwaler kirsch torte,
lampertheimer spargel als, salat. \$3.50.
Entertainment by a German band, "The
Boleros."

Upstairs. Fresh lobster. \$9. Also regular dinner
menu.

19 OCTOBER, SATURDAY

Faculty Club

Downstairs. Barbecue your own at the patio
grill.

Upstairs. Fresh lobster. \$9.

Edmonton Symphony

8:30 p.m. And 20 October, Sunday at 2:30
p.m. Guest artist: JACK KRIPL, saxophonist.
Symphony no. 104, Haydn; Concertino da
Camera, Ibert; Petite Suite, Ibert. Jubilee
Auditorium. Tickets from the Symphony Box
Office, 433-2020.

EXHIBITIONS AND PLAYS

Edmonton Art Gallery

Until 20 October (exhibition held over to new
closing date) "For an independent Hairy Hill."
Until 31 October. "Sculpture in steel," the
first exhibition of its kind anywhere, has been
organized by the Gallery to show the works of
JULIO GONZALEZ, DAVID SMITH, MICHAEL
STEINER, ANTHONY CARO, and TIM SCOTT.
Until 3 November. "The A B C of sculpture."
Until 4 November. "Ceramics" by WALTER
DROHAN, Calgary artist.

Latitude 53 Gallery

Until 24 October. "Saskatchewan is coming:
JOE FAFARD, RUSS YURISTY, VIC CICANSKY, ANN
JAMES." 10048 101A Avenue. Gallery hours:
12 noon to 5 p.m. Tuesday to Saturday.

Provincial Museum and Archives

Until 27 October. "Edmonton: a history in
paintings." Feature Gallery no. 2.

Le Theatre Francais d'Edmonton

11, 12, 13 and 18, 19, 20 October. Curtain
times: 8:30 p.m., and Sundays at 2:30 p.m.
Le Bal Des Voleurs by Jean Anouilh. Collège
Universitaire Saint-Jean Auditorium, 8406 91
Street. Tickets \$2.25 (students \$1.50) at the
door.

GRADUATE SCHOLARSHIPS AND AWARDS

Notices regarding other awards and scholarships are
posted on the bulletin board in the rotunda of the
Administration Building. All enquiries should be
directed to L. HENDERSON, Administrator of Student
Awards, 219 Central Academic Building, 432-3495.

The IODE War Memorial I and War Memorial II Postgraduate Overseas Scholarships

The Imperial Order Daughters of the Empire offers
a number of scholarships for graduate study in any
university in the British Commonwealth. Values are
\$5,000 if tenure is outside Canada or up to \$3,000
within Canada. Recipients may accept up to \$1,000
in additional awards if outside Canada or up to \$2,000
if within Canada. Holders may apply for one
renewal, which will be at one-half the above values.
Fields of study: War Memorial I—history,
economics, constitutional government, or any subject
vital to the interest of the Commonwealth; War
Memorial II—the humanities. *Eligibility:* applicants
must have passed their twentieth but not their thirtieth
birthday by October of the year of tenure. They must
hold a degree from a Canadian university and must
have done or be doing postgraduate work. Candidates
must apply in the province in which is located the
university from which he or she graduated,
irrespective of place of residence. *Applications:* The
IODE Scholarship Secretary, Mrs. J.L. Bailey,
RR 1. Sherwood Park, Alberta, T8K 3K1.
Deadline: November 15, 1974.

University Women's Club Bursaries

A number of bursaries will be offered this year to
mature women students returning to University after
an interruption in their education, who are in need
of financial assistance.

Interested applicants should apply before October
15, 1974 to University Women's Club, c/o 207
Central Academic Building, The University of Alberta.

Commonwealth Scholarships

Nigeria 1975

Value: designed to cover the living and study costs of
a scholar during the tenure of the award; travel
expenses are included. *Field of study:* unrestricted.
Duration: two academic years. *Conditions:* available
to men and women who are citizens of Canada to
pursue postgraduate study; candidates must have
graduated from a recognized university or hold
equivalent qualifications; age limit normally 35;
candidates must return to their own country upon
completion of study; candidates must have a good

knowledge of written and spoken English. *Where
tenable:* Nigeria, from October 1975. *Closing date:*
October 31, 1974. Information and application forms
may be obtained from the Canadian Commonwealth
Scholarship and Fellowship Committee, c/o The
Association of Universities and Colleges of Canada,
151 Slater Street, Ottawa, Ontario K1P 5N1.

The Canadian Political Science Association Parliamentary Internships 1975-76

The Canadian Political Science Association, in
collaboration with the Speaker of the House of
Commons and the House Leaders, announces the
competition for the Parliamentary Internships
Program, 1975-76. The scholarships will be provided
by 10 Canadian life insurance companies. *Stipend:*
\$7,500 (scholarship \$6,000; tax supplement \$1,500)
plus transportation costs to and from Ottawa.
Program: designed to provide backbench Members of
Parliament with highly qualified assistants, while
giving university graduates an opportunity to
supplement theoretical knowledge of Parliament with
a practical experience of the day to day work of
Members. Seminars and the preparation of a paper
analyzing an aspect of parliamentary government in
Canada complete the program. *Eligibility:* open to
men and women 21 to 35 years of age who have
recently graduated from a Canadian university,
preferably with degrees in political science, law,
journalism, or history. Candidates should be Canadian
citizens who are bilingual or who are willing to
follow a course in the other official language while in
Ottawa. *Tenure:* September 1, 1975 for a period of
10 months. *Number available:* 10 internships are to
be offered. For further information and application
forms, write to: PROF. JAMES ROSS HURLEY,
Academic Director, Parliamentary Internships
Program, c/o Department of Political Science,
University of Ottawa, Ottawa, Ontario K1N 6N5.
Closing date: January 15, 1975.

Kent Fellowships for College Teaching Careers, 1975-76

Purpose: to encourage and support selected persons
pursuing graduate studies who seek to become
college teachers. *Qualities sought:* special attention
is given to three areas: (1) evidence of flexible,
wide-ranging intellectual ability; (2) personal
characteristics likely to contribute to effective
teaching and student relationships; (3) concern for
the relation of ethical or religious values to the
education process in general. *Eligibility:* open to all
qualified persons, married or single, pursuing a PhD
program (or the equivalent) in any field of study
common to the undergraduate liberal arts curriculum
in the United States. All citizens of Canada and the
United States, working domestically or abroad, are
eligible. Foreign nationals who have completed one
year of full-time graduate studies in the United States
also are eligible. A minimum of one year of full-time
graduate study toward a PhD in the applicant's major
field must have been completed by the time of
application. Applicants must be less than 35 years of
age at the time of application. Persons working
toward a second doctorate and all postdoctoral
candidates are ineligible. *Period of award and stipend:*
awards are for one year and are normally renewable
until completion of the degree or for a maximum
total of three years of study. Stipends are based
on individual need, but will not exceed \$2,025
(single) or \$2,200 (married), plus dependency
allowances and tuition and fees, in any academic
year. *Additional stipulations:* scores from the
Graduate Record Examination Aptitude Tests in
Verbal and Quantitative Abilities (GRE), and the
Advanced Test (if offered in applicant's major field),
must be presented. Other fellowships may be held
concurrently with a Kent Fellowship, except any
offered by the Danforth Foundation. *Applications:*

persons may apply directly, and must have the endorsement of a member of the graduate department in which he or she is working. Endorsement forms are available from the Danforth Foundation, and are sent directly to the applicant. *Write: Kent Fellowship Program, Danforth Foundation, 222 South Central Avenue, St. Louis, Missouri, USA.*

Academic Exchanges Between Canada and the USSR, 1975-76

VISITING RESEARCHERS AND LECTURERS: five Canadian scholars in any discipline may be received by Soviet institutions of higher learning to conduct research and, on invitation, do some lecturing as well. *Duration:* up to four months in each case.

Five Canadian scholars in any discipline may be received by Soviet institutions of higher learning to lecture or teach. *Duration:* up to eight months in each case. *Value:* a subsistence allowance of nine roubles a day. Travel to destination, accommodation, and medical services will be paid by host country. Canadian scholars in the USSR will be paid a monthly allowance of \$100 by the Canadian government. *Closing dates:* Canadian researchers and lecturers wishing to be invited by Soviet institutions of higher learning should apply by December 1, 1974 to the Canada Council if they are in the Humanities or Social Sciences; or to the National Research Council if in the Physical or Biological Sciences. Recommendations will be forwarded by January 31, 1975. Replies from Soviet authorities are expected by mid-June 1975. **GRADUATE STUDENTS** in any discipline wishing to further their studies or conduct research in the USSR should apply to the Director of Awards, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1. Up to 12 students will be received annually.

N.B. FOLIO regrets that the exchange rate for roubles and Canadian dollars is not available.

Zonta International

Amelia Earhart Fellowship Awards

Value: \$3,000. **Field of study:** for women undertaking advanced study and research in the aerospace sciences.

Qualifications: a bachelor's degree in a science qualifying a candidate for graduate work in some phase of the aerospace sciences, plus evidence of exceptional ability and potential and commendable character. Candidates or instructors wishing to recommend students should write to Zonta International (a service organization of executive women in business and the professions), 59 East Van Buren Street, Chicago, Illinois, USA 60605.

Fund for Theological Education, Inc.

'Trial Year' in Protestant Seminary

These are one year awards intended to be "trial year" fellowships during which time the Fellow seeks to determine whether the protestant ministry is personally a viable vocation. About 60 fellowships are awarded annually to those not now definitely planning to attend graduate theological school but who would be willing, if awarded a fellowship, to attend such a school for one year. There is no obligation to continue at seminary beyond the first year. **Eligibility:** candidacy is open to men and women, no older than thirty, citizens of the United States or Canada, at least a graduating senior or the recipient of a bachelor's degree, and willing to consider the possibility of one of the ordained Protestant ministries. **Place of study:** Fellows may apply to any Protestant seminary which is fully accredited by the American Association of Theological Schools. **Value:** the fellowship stipend provides room, board, tuition, fees, and an allowance for books and miscellaneous expenses. Only married Fellows with children are granted an adjusted stipend. **To become a candidate:** each candidate must be nominated by a minister, faculty member, or former Fellow. The letter of

nomination, giving only the name and address of the nominee, must be received in Princeton no later than November 20, 1974. Application forms will be sent to nominee. Candidates are requested not to apply to seminary during the competition. The awards are announced in early March. This "Trial Year" is sponsored by the Rockefeller Brothers Fund, Inc., the Andrew Mellon Foundation, and the Lutheran Church in America. *Write to:* The Fund for Theological Education, Inc., Research Park, Building J, 1101 State Road, Princeton, New Jersey, USA 08540.

The Canada Council Aid to Artists

The Canada Council offers grants to artists in the following two categories: (1) the professional artist who has made a significant contribution to the arts over the years; (2) the artist who has finished all basic training.

SENIOR ARTS GRANTS: for artists described in (1) above, up to \$15,000 to cover production costs, living expenses and travel related to a proposed program requiring at least four months to complete. Two competitions a year. *Closing dates:* October 15, 1974; April 1, 1975.

ARTS GRANTS: for artists described in (2) above, up to \$6,000 for living expenses, plus travel allowance for the award-holder only, and a production cost allowance not exceeding \$800; for a period of 4 to 12 months. Two competitions a year. *Closing dates:* October 15, 1974; April 1, 1975.

SHORT-TERM GRANTS: \$450 per month for living expenses, plus travel allowance and program cost allowance; for a period of three months or less. Once in a twelve-month period. *Time of application:* anytime.

TRAVEL GRANTS: Once in a twelve-month period to enable artists to travel on occasions important to their professional careers. *Time of application:* anytime. *Time of application:* anytime.

PROJECT COST GRANTS: Up to \$2,000 for artists to help defray project costs essential to their work. Once in a twelve-month period. *Time of application:* anytime.

POSITIONS VACANT

NON-ACADEMIC STAFF

Applicants are sought for the following positions. The Office of Personnel Services and Staff Relations (121 Administration Building) will provide details to interested persons, who are not to approach directly the department advertising the vacancy.

Clerk (\$346-\$441)—University Health Service; Office of the Comptroller
Clerk Typist I (\$346-\$441)—Educational Administration
Clerk Typist II (\$379-\$485)—Purchasing; Political Science; Provincial Laboratory; Medical Bacteriology; Business Administration and Commerce (2 positions); Household Economics; School of Library Science
Clerk Typist II (term) (\$379-\$485)—Educational Services; Physical Education
Clerk Steno II (\$398-\$508)—Entomology; Soil Science
Clerk Steno II (half-time) (\$180-\$230)—Mathematics
Clerk Steno III (\$461-\$587)—Romance Languages; Secretariat; Paediatrics; Chemistry; Personnel Services and Staff Relations; Mineral Engineering
Secretary (\$534-\$682)—University Health Service
Bookkeeper I (\$379-\$485)—Physiology
Bookkeeper II (\$461-\$587)—Chemical Engineering; Physical Plant

Payroll Clerk I (\$379-\$485)—Office of the Comptroller
Accounts Clerk I (\$398-\$508)—Office of the Comptroller

Control Clerk (\$508-\$648)—Office of the Comptroller
Switchboard Operator (\$398-\$508)—Telephone Utilities

Senior Clerk (\$441-\$560)—Physical Plant
Electronics Technician I (\$587-\$750)—Technical Services

Programmer III (\$750-\$958)—Administrative Systems
Electron Microscope Technician I (trust) (\$560-\$715)—Anatomy

Histology Technician I (trust) (\$560-\$715)—Pharmacology

Research and Planning Analyst III (\$648-\$827)—Institutional Research and Planning

Instrument Technician I (\$587-\$750)—Chemistry Analyst (\$958-\$1,222)—Computing Services

Electronics Technician II (\$682-\$869)—Pharmacology/Physiology; Computing Science

Technician I (\$560-\$715)—Mechanical Engineering; Pharmacology

Technologist (Research Associate—trust) (\$7,000-\$9,000 yearly)—Dentistry (Oral Biology)

Laboratory Assistant III (\$485-\$617)—Botany

Animal Assistant (\$419-\$534)—Provincial Laboratory

Laboratory Assistant I (trust) (\$346-\$441)—Surgical Medical Research Institute

Administrative Assistant (\$750-\$958)—Household Economics

Technologist I (\$648-\$827)—Entomology

Electronics Technician (\$587-\$750)—Chemistry

Research Technologist (\$560-\$715)—Zoology

Technologist I (trust) (\$650-\$800)—Medicine

Biochemistry Technologist I (trust) (\$648-\$827)—Cancer Research Unit

Bacteriology Technologist I (\$587-\$750)—Provincial Laboratory

Storeman II (\$534-\$682)—Pathology

ACADEMIC POSITIONS

ADMINISTRATIVE/PROFESSIONAL OFFICER, DEPARTMENT OF INDUSTRIAL AND VOCATIONAL EDUCATION

Duties: assisting the Chairman of the Department, the successful candidate will be responsible for the administration of the department relating to course timetabling, registration, co-ordination of the capital and operating budgets, and student advisement procedures. The successful candidate must also be capable of co-ordinating research with teachers in the field and have the ability to write technical reports. **Qualifications:** the successful candidate must have a university degree. Administrative experience would be an asset. **Salary:** approximately \$10,000 per annum. **Apply to:** JAMES E. GALLAGHER, Chairman, Industrial and Vocational Education, The University of Alberta, Edmonton, Alberta.

OFF-CAMPUS POSITIONS

ONTARIO MINISTRY OF NATURAL RESOURCES

RESEARCH SCIENTIST—FISHERIES (\$14,308-\$23,145)

Duties: to devise, direct and participate actively in research and experimental management; to develop and apply effective methods of assessing stocks and allocating surplus yields in the multi-gear, multi-species, multi-agency fisheries of Lake Superior and related waters; to contribute new understanding of aquatic production systems by participating in multi-disciplinary research in systems ecology. **Location:** Maple, Ontario. **Qualifications:** PhD wth solid training in applied mathematics and statistics, biometrics and systems ecology, with experience in the use of computers as well as in biology, preferably—but not necessarily—with specialization in fisheries; at least four years of practical experience in field and laboratory, preferably in multi-disciplinary research teams; published contributions earning international

recognition. *Applications and résumés:* Director, Personnel Branch, Ministry of Natural Resources, Room 1504, Whitney Block, Queen's Park, Toronto, Ontario, by November 30, 1974.

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 10 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. ADS MUST BE PAID IN ADVANCE. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation available

FOR SALE—(1) MILLWOODS, executive two-storey; four bedrooms, three baths, fireplace in sunken family room; double garage. Fenced, landscaped. \$68,900; \$38,000 mortgage at 10%; \$412 IPT. (2) WINDSOR PARK, bungalow, large lot, finished basement, fireplace, double garage. \$75,000; \$44,000 mortgage at 10%; \$397 IPT. (3) 52-year-old two-storey; original woodwork, floors, fireplace; solid basement. Suitable for restoring. Located at 9846 87 Avenue. Judy Shewchuk, Royal Trust, 465-7811, 426-5880, page 831.

FOR SALE—(1) View lot west of Riverbend in Glamorgan Heights. (2) 40-acre parcel southwest of Lamont, 10 acres treed with stream running through, 30 acres hay. Millie-Lynne McLean, Spencer Real Estate, 436-5250, 435-7896.

FOR RENT—Fully furnished four-bedroom, 2½-bathroom home, for all or either half of 1975. Magnificent view over Groat ravine and river valley. Reasonable to responsible tenants. 452-6995.

FOR SALE—Windsor Park, immaculate three-level split in a very desirable location. 1,250 square feet on the main floor; family room and utility room on lower level; one bedroom in basement. Owner has reduced the price and will carry a large first mortgage at a reasonable interest rate. Please call Ruth Marlow at 482-1595; residence 452-4708. MONTREAL TRUST, 10246 124 Street.

FOR SALE—Several acreages, homes; excellent value, Sherwood Park area. Telephone Don Downing, Weber Bros. Realty Ltd., 467-5522 or 467-5138.

HILLSIDE PLAZA APARTMENT HOTEL—Furnished accommodation monthly, weekly, or daily, with full kitchen, dishes, color TV, maid service, 24-hour phones and ample parking. 9730 106 Street, Edmonton; 429-3353.

FOR RENT—Large, five-room bungalow, fully furnished, dishes, linen. View location. 6 months. Quiet, mature couple, references. Telephone 466-3204.

FOR SALE—Two-bedroom mobile home on Southside lot. 10' x 42'. \$3,500. 436-2377 evenings.

FOR SALE—Three-bedroom bungalow. Four bedrooms, kitchenette and bath in basement. Close to University. Price \$51,900. Jerry Wynn, Royal Trust, 465-7811 or evenings 466-8656.

FOR SALE—Three-bedroom semi-bungalow, 1,260 sq. ft., rugs throughout. Washer, dryer, and stove in basement stay. Close to University. Price \$39,900. Vendor will carry. Call Louis van Liempt, 426-6525 or 436-2377 evenings. Telstar Realty Ltd.

Accommodation wanted

WANTED TO RENT—Three-bedroom furnished home, south of the University. Needed for about six months by Maritime family moving to Edmonton in November. 432-3328 days.

Automobiles and accessories

FOR SALE—1966 Austin 1800, good running condition. \$500 or offers. 432-4241 days; 459-3648 evenings.

FOR SALE—Four A78-13 snow tires, w w, studded, unique deep-tread design. Used approximately 3,500 miles. 439-5824 evenings.

FOR SALE—1967 Pontiac V-8 wagon. Good condition. \$670. Call John, 469-2354.

FOR SALE—1969 Austin 1300 wagon, automatic, block heater, excellent condition, 31,000 miles. 432-3467 days, 436-0803 evenings.

Goods and services

NOW BOOKING HAY/SLEIGH RIDES, bonfires available. Two miles west, one mile south of Ellerslie. Telephone 434-3835.

REGISTER NOW—for two-, three-, four-, five-, and six-week 1975 charters to Britain and Frankfurt. Commencing end of April. Contact Iris Rosen at 488-8181.

PLUMBING—FOR FREE ESTIMATES on basement bathrooms, repairs, alterations etc. call 465-7079 anytime. CUSTOM DRESSMAKING and designing; telephone Jacqueline, 433-4870.

WANTED—Babysitter for 14-month-old boy, in my home, Windsor Park; Monday-Friday, 8:30 a.m.-5:30 p.m. Telephone 433-9998 after 6 p.m.

FITNESS IMPROVEMENT—by testing, evaluation, consultation, appraisal of physical fitness. Individualized program design and computerized weekly feedback. For further information call FITEC Consultants, 434-7673. 308 11044 51 Avenue. Pleasantview Medical Building.

FOR SALE—Heathkit stereo, cabinet, amplifier, FM tuner, dual turntable (no speakers), \$400. Telephone 466-9263 after 5 p.m.

MARRIAGE, FAMILY, AND PERSONAL COUNSELLING—by registered social worker. 424-5531.

DING DONG BELL DAY CARE LTD.—Space available now: No. 2 location, 7205 101 Avenue (469-8171)—4 months-2½ years, \$85/month; No. 1 location, 7246 101 Avenue (466-0249)—2½-6 years, kindergarten, nursery school, creative dancing included, \$75/month (home transportation, \$15 extra). Milk only supplied; bring your own food and diapers. After 6:30 p.m. telephone 466-8914.

FOR SALE—Miscellaneous household items: chairs, beds, tables, bureaus, lamps, stoves, couches, etc. 452-9110.

TRAVEL AGENCY—Edmonton's oldest agency has opened a branch in HUB to serve you. We are accredited agents for all airlines, so there is no charge for our services. Domestic or international. Try your own personal agency. Holiday Travel, HUB building, telephone 433-2494.

FOR SALE—Double rollaway, \$30; single headboard, \$5; couch, chair, \$50; long plaid skirt and dark green top, size 11, \$15; hostess gown, size 13/14, \$5. 435-6897.

ANNOUNCING AUTUMN ANTIQUES FAIR, SHOW, AND SALE—Executive House Motor Inn, 10155 105 Street, Edmonton. October 17, 18, and 19.

FOUND—One ratchet, on September 17. Telephone 432-4511.

NEW APEX FAIR—Payment and ticketing 60 days ahead. 22/45-day excursions to LONDON, \$384; COPENHAGEN, \$414; STOCKHOLM, \$419. Call Iris Rosen, 488-8181.

FOR SALE—Quality used books at bargain prices.

Thousands of hardcovers and paperbacks arranged in over 75 categories. Browse in our bright, clean atmosphere. Norwood Bookstore, 11302 95 Street, 474-4446. Open 9-6 Monday-Saturday, 9-9 Friday.

BABYSITTER REQUIRED—at Balmoral Curling Club, Wednesday mornings. Telephone 434-0590.

FOR SALE—Hewlett-Packard Model 35 calculator, charger, case, instructions included. \$230. 432-1175. Monday, Wednesday 1-4; Tuesday, Thursday 10-1. 424-6081 after 7 p.m. Tuesday, Wednesday.

FOR SALE—End tables, coffee table, lamps, mattress, bedside tables, couch, bookshelf. Telephone 424-6328 from 5-7 p.m.

FOR SALE—Skis, Head 360s, 210 cm, with Salomon bindings. 432-1452.

WANTED—Babysitter-housekeeper, Windsor Park. 5-day week; three children, 8, 7, 5. \$300 per month. 439-4585.

WANTED—Bookcase, lamps, end tables, coffee tables, chests, cedar chest, desk. 452-6870.

WANTED—Information as to whereabouts of 15-year-old Siamese cat who disappeared from his home in Duggan September 24. Wore red collar with identity tag. Just a word that he is safe or has been seen would be appreciated. 432-4991 days; 436-3601 evenings, weekends.

HUB BEAUTY SALON—9012 112 Street, 433-0240.

Virginia has joined our staff; she's taken advanced styling in Toronto and Calgary, and was a winner in 1973 Alberta Open competitions. Mrs. Hayduk holds an award in body wave. Also ear piercing, manicure, facials, eyelashes, men's and women's hairstyling and cutting.

FOR SALE—Stereo: Macdonald BSR 5500 turntable, Wynnford Hall speakers, and amp/tuner 8-track player. Asking \$250. Call John, 439-0149.

FOR SALE—Accordion, girl's size, 120 bass, 7 tone selectors. 435-1078.